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(54) PREPARATION OF MONONUCLEAR DETERGENT PARTICLE GROUP

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method of preparing a mononuclear detergent particle group in high yield which is simple in the production step, reduced in the variability of the average particle diameter and the particle size distribution of detergent particle group relative to the variability of the compounding amount of a surface active agent composition and capable of easily adjusting the average particle diameter and the particle size distribution in the method of preparing mononuclear particle group having a surface active agent composition, and a method of preparing mononuclear detergent particle group which are good in the powder properties of the detergent particle group, and simultaneously can be compounded with a large amount of a surface active agent composition.

SOLUTION: A method of preparing mononuclear detergent particle group comprises mixing base granule group having an average particles diameter of 150-500 μ m, a bulk density of 400 g/L or more and a particle strength of 50 kg/cm² or more with a surface active agent composition in such a mixing condition as not to substantially disintegrate the base granules, and subsequently mixing the resulting mixture with fine powder while substantially retaining the morphology of the base granules containing the surface active agent composition no obtain the mononuclear detergent particle group.

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